CLAIMS:

	1 An isolated polypeptide of the sequence in SEQ ID NO:1.
cell.	2 The isolated polypeptide of Claim 1, wherein said peptide induces apoptosis in a
	3. An isolated polynucleotide which encodes the polypeptide of Claim 1.
	4. A vector comprising the polynucleotide of Claim 3.
	5. A prokaryotic cell comprising the polynucleotide of Claim 3.
	6. A eukaryotic cell comprising the polynucleotide of Claim 3.
accepta	7. A composition comprising the polynucleotide of Claim 3 and a physiologically able carrier.
carrier	8. A composition comprising the peptide of Claim 1 and a physiological acceptable
	9. An isolated polypeptide of the sequence in SEQ ID NO:2.
	10. An isolated polynucleotide which encodes the polypeptide of Claim 9.

11. A vector comprising the polynucleotide of Claim 10. 12. A prokaryotic cell comprising the polynucleotide of Claim 10. 13. A eukaryotic cell comprising the polynucleotide of Claim 10. 5 14. A composition comprising the polynucleotide of Claim 10 and a physiologically acceptable carrier. 15. A composition comprising the peptide of Claim 9 and a physiological acceptable 10 carrier. 16. An isolated polypeptide of the sequence SEQ ID NO:1 operably linked to the sequence SEQ ID NO:2. 17. An isolated polynucleotide which encodes the polypeptide of Claim 16. 15 18. A vector comprising the polynucleotide of Claim 17. 19. The vector of Claim 18 which is the plasmid p[95-114]EGFP[206-245] deposited 20 in the CNCM on January 21, 2000 under the accession number I-2380. 20. The vector of Claim 18 which is the plasmid p[95-114][211-245] deposited in the

CNCM on May 10, 2000 under the accession number I-2475.

21. A prokaryotic cell comprising the polynucleotide of Claim 17. 22. A eukaryotic cell comprising the polynucleotide of Claim 17. 23. A composition comprising the polynucleotide of Claim 17 and a physiological 5 acceptable carrier. 24. A composition comprising the polypeptide of Claim 16 and a physiological acceptable carrier. 10 25. A method of inducing apoptosis in a cell comprising administering an effective amount of the polypeptide of Claim 16 to the cell to induce apoptosis. 26. The method of Claim 25, wherein said cell is in a human patient. 15 27. The method of Claim 25, wherein said patient is suffering from cancer. 28. The method of Claim 25, wherein said patient is infected with a Flavivirus 29. A method of inducing apoptosis in a cell comprising delivering the polypeptide 20 of Claim 16 in an amount sufficient to induce apoptosis. 30. The method of Claim 29, wherein said delivering comprises delivering a

polynucleotide encoding said polypeptide to the cell, wherein said polynucleotide is in an

expression vector suitable to express said polypeptide in the cell.

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and

- 31. The method of Claim 29, wherein said cell is in a human patient.
- 32. The method of Claim 31, wherein said patient is suffering from cancer.
- 33. The method of Claim 31, wherein said patient is infected with a Flavivirus.
- 34. A method of screening for peptides capable of inducing apoptosis comprising introducing a recombinant protein into a cell, wherein said recombinant protein
 comprises the peptide to be screened operably linked SEQ ID NO:2; and detecting apoptosis in the cell.
 - 35. The method of Claim 34, wherein said introducing step comprises introducing an expression vector comprising a polynucleotide which encodes said recombinant protein.
 - 36. The method of Claim 34, wherein said recombinant protein further comprises a green fluorescent protein.
- 37. A method of screening for molecules which inhibit apoptosis induced by the
 20 polypeptide of the sequence SEQ ID NO:1 comprising

introducing said polypeptide into a cell;

contacting said cell containing said polypeptide, with the molecule to be screened;

detecting the presence or absence of apoptosis in the cell.

- 38. The method of Claim 37, wherein said polypeptide is operably linked to the polypeptide of the sequence SEQ ID NO:2.
- 5 39. The method of Claim 37, wherein said polypeptide is operably linked to a green fluorescent protein.
 - 40. The method of Claim 37, wherein said polypeptide is not linked to a green fluorescent protein.
 - 41. The method of Claim 37, wherein said introducing comprises introducing a polynucleotide which encodes said polypeptide, wherein said polynucleotide is an expression vector capable of expressing the polypeptide in a cell.
- 15 42. An isolated polypeptide of the sequence in SEQ ID NO:3.

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- 43. The isolated polypeptide of Claim 42, wherein said peptide induces apoptosis in a cell.
- 20 44. An isolated polynucleotide which encodes the polypeptide of Claim 42.
 - 45. A vector comprising the polynucleotide of Claim 44.

46. The vector of Claim 45 which is the plasmid p[95-114]EGFP[206-245]DEN-2 deposited in the CNCM on January 29, 2001 under the accession number I-2620. 47. A prokaryotic cell comprising the polynucleotide of Claim 44. 48. A eukaryotic cell comprising the polynucleotide of Claim 44. 49. A composition comprising the polynucleotide of Claim 44 and a physiologically acceptable carrier. 50. A composition comprising the peptide of Claim 42 and a physiological acceptable carrier. 51. A method of inducing apoptosis in a cell comprising administering an effective amount of the polypeptide of Claim 42 to the cell to induce apoptosis. 52. The method of Claim 51, wherein said cell is in a human patient. 53. The method of Claim 51, wherein said patient is suffering from cancer. 54. The method of Claim 51, wherein said patient is infected with a Flavivirus. 55. A method of screening for molecules which inhibit apoptosis induced by the polypeptide of the sequence SEQ ID NO:3 comprising

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introducing said polypeptide into a cell;

and

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contacting said cell containing said polypeptide, with the molecule to be screened;

detecting the presence or absence of apoptosis in the cell.

- 56. The method of Claim 55, wherein said polypeptide is operably linked to the polypeptide of the sequence SEQ ID NO:3.
 - 57. The method of Claim 55, wherein said polypeptide is operably linked to a green fluorescent protein.
 - 58. The method of Claim 55, wherein said polypeptide is not linked to a green fluorescent protein.
- 59. The method of Claim 55, wherein said introducing comprises introducing a polynucleotide which encodes said polypeptide, wherein said polynucleotide is an expression vector capable of expressing the polypeptide in a cell.
 - 60. Monoclonal antibodies raised against DEN-1 viral M protein.
 - 61. Monoclonal antibodies raised against DEN-2 viral M protein.
 - 62. The plasmid [95-114]EGFP[M10-M40]DEN-2 deposited at the CNCM under the accession number I-2684.
 - 63. The plasmid pTripΔU3[95-114]EGFP[206-245]DEN-2 deposited at the CNCM under the accession number I-2686.

64. The plasmid pTrip Δ U3[95-114]EGFP[206-245]DEN-1 deposited at the CNCM under the accession number I-2685.